INTERNATIONAL SEARCH REPORT

Internation Repplication No PCT/ 3/11967

A CLASSIFICATION OF SUBJECT MATTER
IPC 7 B05B17/06 B22F9/08

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

 $\begin{tabular}{ll} Minimum documentation searched (classification system followed by classification symbols) \\ IPC 7 & B05B & B22F \end{tabular}$

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 981 425 A (LIERKE ERNST-GUNTER ET AL) 1 January 1991 (1991-01-01) column 3, line 36 - line 64; figure 1	1,2,8
A	US 5 122 047 A (SCHRECKENBERG PETER ET AL) 16 June 1992 (1992-06-16) column 2, line 43 - line 65; figures 1,2,5	1,2,5,11
A	DE 26 56 330 A (BATTELLE INSTITUT E V) 15 June 1978 (1978-06-15) page 11 - page 14; figure 1	1,2,5
A	US 5 164 198 A (SCHRECKENBERG PETER ET AL) 17 November 1992 (1992-11-17) column 2, line 8 - line 68; figures 1,5 column 3, line 29 - line 44; figure 1	1,2,5

Further documents are listed in the continuation of box C.	Patent family members are listed in annex.
Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed	 *T* tater document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. *&* document member of the same patent family
Date of the actual completion of the international search	Date of mailing of the international search report
17 February 2004	27/02/2004
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo ni,	Authorized officer
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C (Continue	tion) DOCUMENTS CONSIDERED TO BE RELEVANT		
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A	DE 37 17 831 A (HOECHST AG) 8 December 1988 (1988-12-08) column 7, line 20 - line 45; figure 2		1 .
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